

Human Systems Integration (HSI) Committee

| Mission / Purpose | Stakeholders / Sponsors / Collaborators |
|---|---|
| <p>Mission Effectively integrate HSI into the DoD acquisition process to improve overall system performance</p> <p>Purpose</p> <ul style="list-style-type: none"> • Establish and advocate for a common HSI understanding and SE integration • Share HSI knowledge, methods, and best practices to address common HSI gaps <p>Leadership</p> <ul style="list-style-type: none"> • Dr. Matthew Risser (Pacific Science & Engineering) • Randi Rohrer (Boeing) • Mitch Woods (HSI support to OUSD R&E AC) | <p>Primary stakeholders</p> <ul style="list-style-type: none"> • HSI practitioners • Program managers • Systems engineers • End-users <p>Government sponsors</p> <ul style="list-style-type: none"> • Currently, OUSD R&E AC (Andy Monje) <p>Collaborating organizations</p> <ul style="list-style-type: none"> • Joint HSI Working Group (JHSIWG) • NDIA HQ and Human Systems Division (HSD) • SAE G-45 HSI Committee • DoD Human Factors Engineering Technical Advisory Group (HFE TAG) |
| 2019 Accomplishments | 2020 Plans / Events / Milestones |
| <ul style="list-style-type: none"> • Identified two new HSI committee members • Successful HSI track with ESOH at the annual SE conference • Established contact with OSD sponsor to align on a way-forward | <ul style="list-style-type: none"> • Establish OSD sponsorship and alignment • Assess the impact of New 5000.02 • Establish HSI forum across NDIA divisions • Collaborate with industry and govt HSI efforts • Contribute to current HSI product development efforts |

Mission / Purpose

<additional information, if required>

Strategic Goals

- Through partnership and collaboration:
 - Establish and promote a common understanding of HSI
 - Advocate for the continued integration of HSI in SE and acquisition efforts
 - Establish a means to share HSI knowledge, methods, and best practices
 - Address common HSI gap areas

Objectives

- Grow the HSI community of practice to share knowledge, methods & tools, and collaborate with other committees and industry/academia groups
- Implement HSI uniformly, per DoDI5000.02, for best value HSI design & development solutions
- Leverage the best of HSI best practices and technology use from government, industry and academia to close gap areas and position HSI for the future

Stakeholders / Sponsors / Collaborators

<additional information, if required>

Align with

- Other SE Committees (e.g., ESOH)
- NDIA Divisions (e.g., NDIA Human Systems Division)
- Related HSI industry and govt groups (e.g., Joint HSI Working Group)

Specifically

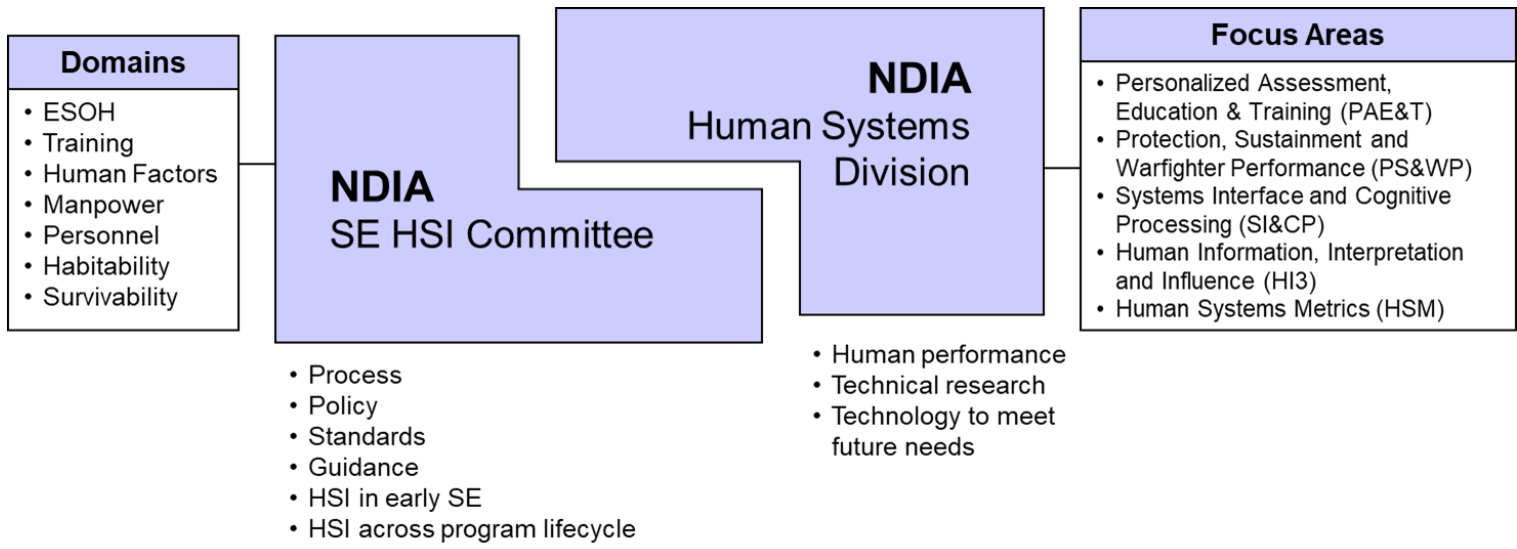
- Joint HSI Working Group (JHSIWG)
- NDIA HQ
- NDIA Human Systems Division (HSD)
- SAE G-45 HSI Committee
- DoD Human Factors Engineering Technical Advisory Group (HFE TAG)

Stakeholders / Sponsors / Collaborators

<additional information, if required>

Alignment with Human Systems Division (HSD)

- Complementary groups advocating for humans and systems
- NDIA Systems Engineering Division HSI Committee (SE HSIC) & NDIA Human Systems Division (HSD) to collaborate and support each others' meetings and products



2019 Accomplishments

<additional information, if required>

2020 Plans / Events / Milestones

<additional information, if required>

Plans

- Establish OSD sponsorship and understand HSI place within OSD (Systems Engineering vs Human Systems Divisions)
- Align with OSD modernization priorities
- Assess the impact of New 5000.02
 - Discover changes to HSI and impact on industry HSI efforts
 - Address HSI scope language from the high-level 5000.01/02 document
- NDIA HQ – establish HSI forum across NDIA divisions
- Collaboration
 - Joint HSI Working Group (JHSIWG)
 - NDIA Human Systems Division (HSD)
 - SAE G-45
 - DoD Human Factors Engineering Technical Advisory Group (HFE TAG)

Events - Standing

- Quarterly HSIC teleconferences
- HSI track at annual SE Division Conference
- SE Division meetings

2020 Plans / Events / Milestones

<additional information, if required>

Events – Scheduled Meetings

- Conduct 2020 Integration Planning Meeting with HSI POCs for DOD HFE TAG, SAE G-45 HSI Committee, SAE Systems Engineering G-47 Committee, and network with Leaders 2020 Human Systems Conference – Discuss 2020 Plans and activities that can be leveraged by SE HSI for 2020; 13 Dec 2019
- Participate in SAE G-45 Human Systems Integration Committee Meeting - 24 Jan 2020
- Participate in NDIA Human Systems Division Conference, 3-4 March 2020
- Conduct integration meetings with DOD HFE Technical Advisory Sub-Committees, TAG #74 Conference 4-8 May 2020
- Participate in NDIA SE Conference, October 2020

Milestones

- Identify OSD sponsor
- Identify impacts of new 5000.02 on existing HSI standardization efforts
- Identify list of NDIA divisions with human-systems topics/tracks

Publications

- HSI products in conjunction with:
 - JHSIWG
 - DOD HFE TAG
 - SAE G-45